

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT  
ASSISTANT SECRETARY FOR HOUSING-FEDERAL HOUSING COMMISSIONER

Series and Series Number:

TO: DIRECTORS, HOUSING DIVISION  
DIRECTORS, MULTIFAMILY DIVISION  
DIRECTORS, SINGLE FAMILY DIVISION

MATERIALS RELEASE NO. 1280

ISSUE DATE: March 10, 1997

REVIEW DATE: March 10, 1997

SUBJECT: 1. Product "Integrity" Fiberglass Reinforced Clad  
Wood Windows

2. Name and Address  
of Manufacturer Integrity Windows, Inc.  
Div. of Marvin Windows and Doors, Inc.  
1616 43rd Street, N.W.  
Fargo, ND 58102

Data on the nonstandard product described herein have been reviewed by the Department of Housing and Urban Development and determination has been made that it is considered suitable from a technical standpoint for the use indicated herein. This Release does not purport to establish a comparative quality or value rating for this product as compared to standard products normally used in the same manner.

This Materials Release cannot be used as an indication of endorsement, approval or acceptance by HUD of the described product, and any statement or representation, however made, indicating such approval, endorsement or acceptance by HUD is unauthorized. See Code 18, U.S.C. 709.

Any reproduction of this Release must be in its entirety.

USE: Windows.

DESCRIPTION:

"Integrity"™ windows are fiberglass reinforced clad wood windows consisting of casement, awning, double-hung, glider, roundtop, and patio door type products. The interior wooden surfaces of the windows can be painted or stained. Included with the windows, are operable sash locks and an optional insect screen.

REQUIREMENTS:

1. The wood subframe shall comply with National Wood Window and Door Association (NWWDA) Standard I.S.4. "Water-repellent Preservative Non-pressure Treatment for Millwork." The windows shall comply with the General Requirements of NWWDA IS.2 for windows and IS.3 for sliding doors.

The coated fiberglass cladding shall be white or light gray and comply with applicable performance requirements of AAMA Standard 603.8 "Performance Requirements and Test Procedures for Pigmented Organic Coatings."

2. The windows shall be in compliance with ASTM E-1017 "Standard Specifications for Generic Performance Requirements for Exterior Residential Assemblies" for air leakage, water penetration, and structural loading.
3. Weather stripping shall be replaceable to meet AAMA Standards 701.92 and 702.92 "Specification for Pile Weather Strip" and "Replacement Fenestration Weather Seals."
4. Sealed insulating glass shall be in compliance with HUD Use of Materials Bulletin (UM) No. 82, "Sealed Insulating Glass Units."

#### INSTALLATION:

Installation shall be in compliance with the Marvin Windows and Doors, Inc. installation specifications.

1. Windows must be stored in a place protected from the weather.
2. Window frames shall be flat and square and secured to the surrounding structure according to the manufacturer's instructions.
3. Windows shall not support any load other than their own weight.
4. Cavities between window frames and rough openings shall be filled with insulation.
5. Exterior joints between the window frame and building opening shall be caulked with materials specified by the Marvin Windows and Doors, Inc.
6. Sash and hardware shall be adjusted for smooth operation.

#### CERTIFICATION:

The Marvin Windows and Doors, Inc. certifies that "Integrity" windows are in compliance with a validation program of NWWDA, Inc. and is in accordance with the Code of Federal Regulations 24 CFR 200.935. The maximum size window, commercially available, shall be tested every 4

years and the administrator shall visit the manufacturer's facility every 6 months to assure that the initially accepted quality control procedures are being followed. Each window certified as conforming to this MR shall be labelled as follows:

1. The NWWDA validation mark.
2. The manufacturer's name.
3. The manufacturer's conformance to this MR.

WARRANTY:

Integrity products are warranted for ten (10) years to be of high quality workmanship and materials, and to be free from defects which might render the windows unserviceable. If a defect occurs, Marvin Windows and Doors will, at it's option (1) repair the defective product, (2) replace the defective materials or (3) refund your purchase price. The warranty also applies to insulated glass. Installation and finishing are not included in the warranty. See the warranty included with the product for more specific information.

MANUFACTURER'S RESPONSIBILITIES:

Issuance of this Materials Release (MR) commits the manufacturer to fulfill, as a minimum, the following:

1. Produce, label and certify the material, product or system in strict accordance with the terms of this MR.
2. Provide necessary corrective action in a timely manner for all cases of justified complaint, poor performance or failure reported by HUD.
3. When requested, provide the Office of Consumer and Regulatory Affairs, Manufactured Housing and Standards Division, HUD Headquarters, with a representative list of properties, in which the material, product or system has been used, including complete addresses or descriptions of locations and dates of installation.
4. Inform HUD in advance of changes in production facilities, methods, design of the product, company name, ownership or mailing address.

EVALUATION:

This MR shall be valid for a period of three years from the date of initial issuance or most recent renewal or revision, whichever is later. The holder of this MR shall apply for a renewal or revision 90 days prior to the Review Date printed on this MR. Submittals for renewal or revision shall be sent to HUD Headquarters. Appropriate User Fee shall be sent to:

U.S. Department of Housing and Urban Development  
Technical Suitability of Products Fees  
P.O. Box 954199  
St. Louis, MO 63195-4199

The holder of this MR may apply for revision at any time prior to the Review Date. Minor revisions may be in the form of a supplement to the MR.

If the Department determines that a proposed renewal or supplement constitutes a revision, the appropriate User Fee for a revision will need to be submitted in accordance with Code of Federal Regulations 24 CFR 200.934, "User Fee System for the Technical Suitability of Products Program," and current User Fee Schedule.

CANCELLATION:

Failure to apply for a renewal or revision shall constitute a basis for cancellation of the MR. HUD will notify the manufacturer that the MR may be canceled when:

1. conditions under which the document was issued have changed so as to affect production of, or to compromise the integrity of the accepted material, product, or system,
2. the manufacturer has changed its organizational form without notifying HUD, or
3. the manufacturer has not complied with responsibilities it assumed as a condition of HUD's acceptance.

However, before cancellation, HUD will give the manufacturer a written notice of the specific reasons for cancellation, and the opportunity to present views on why the MR should not be canceled. No refund of fees will be made on a canceled document.

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This Materials Release is issued solely for the captioned firm,  
and is not transferable to any person or successor entity.  
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